

Boyce Thompson Arboretum State Park

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Become a **Junior Ranger** at **Boyce Thompson Arboretum State Park**! Pledge to do your part to help preserve the beauty of the park for everyone to enjoy! Get your Junior Ranger booklet at the park, complete it, and bring it to a Park Ranger for review. Then receive your **Junior Ranger Button**! Enjoy this sample activity. We hope to see you at the park.

Pollination Puzzler

Junior Ranger Activity: Why do flowers come in so many different shapes, sizes and smells? They are trying to attract **pollinators**! Pollinators help plants make seeds by carrying pollen from plant to plant. Pollen is a yellow (but sometimes purple, white or orange) powder found in flowers. Since plants can't travel by themselves, how can they get pollen from other plants? They use pollinators!

On the left is a list of different types of flowers and information on special ways they attract pollinators. On the right are pictures of different pollinators. Draw a line from the flower description to its pollinator. At the park you can see examples of each type of flower!

"Stinky" flowers

Usually have dull colors and they smell like rotting meat!

Colorful flowers

Are bright, nectar-filled flowers. They use color and smell to attract pollinators. Hint: these will attract 2 different pollinators from the pictures to the right.

No flowers! (Or at least that's what it looks like!)

The plant has **huge** amounts of pollen, but no nectar, bright colors or smell to attract pollinators.

Night blooming flowers

Are large flowers that bloom only at night. They are usually bright white, and have a very strong smell of fruit or rotting fruit. Hint: these will attract 2 different pollinators from the pictures to the right.

Trumpet shaped flowers

Have long, slender flowers with nectar to attract pollinators. Pollinators would have to be able to reach pretty far in to get nectar.



Wind



Bat



Bee



Butterfly



Hummingbird



Moth



Fly

Did you know?
Without flies to pollinate cocoa plants, there would be no chocolate!



Rocky Ringtail



Arizona State Parks

AZStateParks.com